

## ABSTRACT OF THE DISCLOSURE

An electronic seal includes an input section for inputting a random number encrypted based on a prescribed  
5 key; a secret key memory section for storing a secret key related to the prescribed key; a decoding section for decoding the input random number based on the secret key; an encryption section for encrypting the decoded random number based on the secret key; and an output section for  
10 outputting the random number encrypted based on the secret key.